

ABSTRACT

A device and method for remotely monitoring and changing the performance characteristics of one or more of the components of an optical transponder system using a microcontroller. Remote access allows users to remotely monitor and change various performance characteristics of the transponder. Threshold performance levels of the components are determined and set. When the microcontroller determines that one or more of the threshold levels have been exceeded, it sets off an alarm and the microcontroller can then be used to modify the particular performance characteristic.